Math 81 Beginning Algebra Fall 2013

Class Number: *10967*　　(4 credit units)
Room: 2728
MW 3:15pm-5:20pm

Instructor:	Rick Castrapel
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Web Site:	http://www.imperial.edu/rick.castrapel
Textbook:	Blitzer, Introductory and Intermediate Algebra IVC Ed., with MathXL 978-1-256-83889-0
Office Hours:	MW 6:00-7:00pm, TR 4:00-5:00pm or by appointment

Description:	An introduction to the concepts of Algebra. Topics covered include solving equations, polynomials, factoring, rational expressions, graphs and linear equations, systems of linear equations, and inequalities. (Nontransferable, non-degree applicable)
Student Learning Outcomes:	Upon course completion, the successful student will have acquired new skills, knowledge, and or attitudes as demonstrated by being able to: • Solve linear equations in one variable. (ILO2) • Factor polynomial expressions using a variety of methods and solve polynomial equations. (ILO2) • Graph linear equations and find values related to linear graphs. (ILO2) • Solve application problems appropriate to beginning algebra. (ILO2)
Prerequisites:	MATH 71 or equivalent college course with "C" or better, or eligibility determined by placement.
Calculator:	A scientific calculator is required for this and subsequent math courses.
Cell Phones:	Keep cell phones turned off during class. You may not use a cell phone as a calculator during tests.
Keys to Success:	1. Attitude, Attitude, Attitude　2. Attend Class Regularly 3. Do Your Homework　　　　4. Study
Keeping Up:	Don't let yourself fall behind. If you feel you are slipping, **SEE ME**. This is **urgent**. It is my goal and that of the Imperial Valley College Science Division that you succeed.
Homework:	In mathematics, homework is crucial to understanding. Homework is assigned through **MathXL** and done online. See the attached flyer. Please ask questions about the homework in class.
Math Lab:	The Math Lab, Bldg 2500, has computers, math learning resources and drop-in (no appointment needed) tutoring. Math tutoring as also available in the Learning Resources Center in the library on an appointment-only basis.
Dropping:	You may be dropped from this class if you miss the first day or if you miss three or more class sessions total. The last day to drop this class is Nov 9. After that date, I must give you a letter grade. It is your responsibility to drop, not mine.
DSP&S:	Any student with a documented disability who may need educational accommodations should notify the Disabled Student Programs and Services (DSP&S) office as soon as possible. Room 2117 Health Sciences Building (760) 355-6312.
Grading:	There will be 4 chapter tests, worth 100 points each. Early or makeup tests are subject to a 10% penalty. You may not makeup a test more than one week after it was given in class. There will be a comprehensive final exam worth 200 points. The MathXL homework is worth 200 points total.

Grading Policy

Chapter Tests	400 points
MathXL Homework	200 points
Final Exam	200 points
Total	**800 points**

Grading Scale

90-100 %	A
80-89%	B
70-79%	C
60-69 %	D
< 60 %	F

Academic Integrity is assumed and necessary. Disruptive students will be required to leave the class for the day. Continued disruptive behavior, cheating or plagiarism may result in severe academic penalty. See the college bulletin for details.

Math 81 Fall 2013 Tentative Schedule

Date	Text	Event	Topic
08/19/13	Ch 1	**Course Introduction**	Quick and brutal review
08/21/13	2.1-2.2		
08/26/13	2.3, 2.4		
08/28/13	2.5		
09/02/13		**Holiday**	**Labor Day**
09/04/13	2.6, 2.7		
09/09/13	3.1,3.2		
09/11/13	3.3-3.5		
09/16/13	**Test 1**		**Ch 2 and Ch 3**
09/18/13	4.1, 4.2		
09/23/13	4.3, 4.4		
09/25/13	5.1, 5.2		
09/30/13	5.3, 5.4		
10/02/13	5.5		
10/07/13	5.6		
10/09/13	5.7		
10/14/13	**Test 2**		**Ch 4.1-4.4 and Ch 5**
10/16/13	6.1, 6.2		
10/21/13	6.3, 6.4		
10/23/13	6.5		
10/28/13	6.6		
10/30/13	**Test 3**		**Ch 6**
11/04/13	7.1, 7.2		
11/06/13	7.3, 7.4		
11/11/13		**Holiday**	**Veterans Day**
11/13/13	7.5, 7.6		
11/18/13	7.7		
11/20/13	8.1, 8.2		
11/25/13	8.3, 8.4		
11/27/13	**Test 4**		**Ch 7 and Ch 8**
12/02/13	**Review**		**Review for Final Exam**
12/04/13		**Final Exam**	**Comprehensive Final**

STUDENT LEARNING OUTCOMES:

Upon course completion, the successful student will have acquired new skills, knowledge, and or attitudes as demonstrated by being able to:

1. Solve linear equations in one variable. (ILO2)
2. Factor ploynomial expressions using a variety of methods and solve polynomial equations. (ILO2)
3. Graph linear equations and find values related to linear graphs. (ILO2)
4. Solve application problems appropriate to beginning algebra. (ILO2)

MEASURABLE COURSE OBJECTIVES AND MINIMUM STANDARDS FOR GRADE OF "C":

Upon satisfactory completion of the course, students will be able to:
1. demonstrate skills in solving first degree equations.
2. demonstrate the ability to solve many problems in diverse areas, in a step-by-step manner, when dealing with applications.
3. develop manipulation skills when operating polynomials.
4. demonstrate the various types of factoring and be cognizant of the factoring process.
5. demonstrate an understanding of skills in operations with and simplifications of rational expressions.
6. demonstrate a visual understanding of the Cartesian Coordinate System and linear graphs.
7. demonstrate the ability to solve linear systems of equations both algebraically and graphically.
8. demonstrate the ability to solve linear inequalities algebraically and be able to present the solutions graphically.

MathXL®

How to Register and Enroll in Your Course

Welcome to MathXL! Your instructor has set up a MathXL course for you.

The course name is: Math 81 MW 3:15pm-5:20pm 10967

It is based on this textbook: *Blitzer: Introductory & Intermediate Algebra for College Students, 4e*

To join this course, you need to register for MathXL and then enroll in the course.

1. Registering for MathXL

Before you begin, make sure you have the access code that comes with your MathXL Access Kit.

To register or buy access, go to www.mathxl.com, click the **Student** button in the Register section, and then follow the instructions on the screen.

2. Enrolling in your instructor's course

After registering, log in to MathXL with your username and password. To enroll in this course, enter the following Course ID:

The Course ID for your course is: XL1A-B11G-701Z-4T52

Need more help?

To view a complete set of instructions on registering and enrolling, go to www.mathxl.com and visit the Tours page.